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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Herbstreit et al.

Attorney Docket No. BO1-0018US

(formerly BING-1-1050)

Serial No.: 10/764,802

Group Art Unit:

2863

Filing Date: January 26, 2004

Examiner:

Cherry, Stephen J.

FUEL

Title:

METHODS AND SYSTEMS

SENSOR

FOR PREDICTING PERFORMANCE WITHIN A TANK DURING MOTION

RESPONSE TO ADVISORY ACTION DATED MAY 17, 2006 AND THE FINAL OFFICE ACTION DATED JANUARY 17, 2006

To:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

From:

Dale C. Barr (Tel. 206-315-4001, x106; Fax 206-315-4004)

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INTRODUCTORY COMMENTS

This communication is responsive to the Advisory Action dated May 17, 2006, and the Final Office Action dated January 17, 2006. Please amend the above-captioned application as follows:

Amendments to the Claims begin on page 2 of this document.

Remarks begin on page 9 of this document.

-1-

BO1-0018US Disc. No. 03-0989